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(54) Signal transmission system

(57) A communications link is established between first and third stations via an intermediate second station, using time multiplexing. Each transmission, from first to second, second to first, second to third, third to second, takes place in a different time slot so that receiver performance is not degraded by strong signals from local transmitters. As described the system comprises a vehicle mounted cellular radio telephone with a cordless portable handset which can be used away from the vehicle. The transmission frequencies also differ.

